

1994 SOUTH DAKOTA TUBERCULOSIS MORBIDITY

There were 28 cases of tuberculosis reported to the South Dakota Department of Health in 1994. This represents an increase of 12 cases from 1993. Cases were widely distributed across the state with 12 counties reporting TB cases this year. During 1994, there were two TB cases with INH resistance (1-drug resistance) and no TB/HIV co-infected TB cases reported.

TUBERCULOSIS CASES REPORTED BY SEX AND RACE SOUTH DAKOTA 1994

RACE	MALE	FEMALE	TOTAL	% OF CASES
Native American	10	8	18	64%
White	5	0	5	18%
Black	2	3	5	18%
Hispanic	0	0	0	0%
Asian	0	0	0	0%
TOTAL	17	11	28	100%

TUBERCULOSIS CASES REPORTED BY SEX AND AGE SOUTH DAKOTA 1994

AGE (years)	MALE	FEMALE	TOTAL	% OF CASES
0-4	2	0	2	7%
5-9	0	0	0	0%
10-14	0	0	0	0%
15-19	0	0	0	0%
20-29	1	5	6	21%
30-39	2	1	3	11%
40-49	3	1	4	14%
50-59	3	1	4	14%
60-69	4	3	7	25%
70-79	1	0	1	4%
80-89	1	0	1	4%
90+	0	0	0	0%
TOTAL	17	11	28	100%

TUBERCULOSIS MORBIDITY INCIDENCE RATES PER 100,000 BY RACE AND YEAR SOUTH DAKOTA 1989-1994

RACE	1989	1990	1991	1992	1993	1994
All Races	3.9	1.9	5.0	4.5	2.3	4.0
Native American	40.1	22.1	55.4	37.9	19.8	35.6
White	0.9	0.4	0.6	1.5	0.9	0.8
All Other Races	67.5	0.0	41.7	23.9	0.0	63.2

**TUBERCULOSIS CASES REPORTED BY COUNTY OF RESIDENCE
SOUTH DAKOTA 1994**

COUNTY	# OF CASES	COUNTY	# OF CASES
Minnehaha	7	Todd	2
Shannon	4	Brookings	1
Charles Mix	3	Fall River	1
Tripp	3	Lyman	1
Dewey	2	Pennington	1
Roberts	2	Walworth	1

**TUBERCULOSIS MORTALITY BY RACE AND YEAR
SOUTH DAKOTA 1991-1994**

RACE	1991		1992		1993		1994	
All Races	4/35	11%	7/32	22%	4/16	25%	5/28	18%
Native American	3/28	11%	3/20	15%	3/10	30%	3/18	17%
White	0/4	0%	4/10	40%	1/6	17%	2/5	40%
All Other Races	1/3	33%	0/3	0%	0/0	0%	0/5	0%

**FOREIGN-BORN TUBERCULOSIS CASES BY YEAR
SOUTH DAKOTA 1990-1994**

Country of Birth	1990	1991	1992	1993	1994
United States	14 (100%)	32 (91%)	31 (97%)	16 (100%)	23 (82%)
Foreign-born	0 (0%)	3 (9%)	1 (3%)	0 (0%)	5 (18%)
TOTAL	14	35	32	16	28

**PULMONARY AND NON-PULMONARY TUBERCULOSIS CASES BY RACE
SOUTH DAKOTA 1994**

Site of Tuberculosis	Native American	White	Black	Hispanic	Asian	TOTAL
Pulmonary	9	4	3	0	0	16
Non-pulmonary	8	0	2	0	0	10
Both	1	1	0	0	0	2
TOTAL	18	5	5	0	0	28

The non-pulmonary sites of disease included the following:

Lymphatic	3	Miliary	2	Spinal	1
Peritoneal	1	Pleural	1	Liver	1
Meningeal	1	Fallopian tube	1		

**PATIENTS STARTED ON TUBERCULOSIS PREVENTIVE THERAPY
SOUTH DAKOTA 1988-1994**

1988	1989	1990	1991	1992	1993	1994
768	653	1021	687	618	654	503*

**1994 data is provisional*

TUBERCULOSIS CASES AND CASE RATES PER 100,000
UNITED STATES 1984 - 1993

YEAR	NUMBER OF TB CASES	TB CASE RATE	% CHANGE OF NUMBER	% CHANGE OF RATE
1984	22,255	9.4	-6.7	-7.8
1985	22,201	9.3	-0.2	-1.1
1986	22,768	9.4	+2.6	+1.1
1987	22,517	9.3	-1.1	-1.1
1988	22,436	9.1	-0.4	-2.2
1989	23,495	9.5	+4.7	+4.4
1990	25,701	10.3	+9.4	+8.4
1991	26,283	10.4	+2.3	+1.0
1992	26,673	10.5	+1.5	+1.0
1993	25,287	9.8	-5.2	-6.7